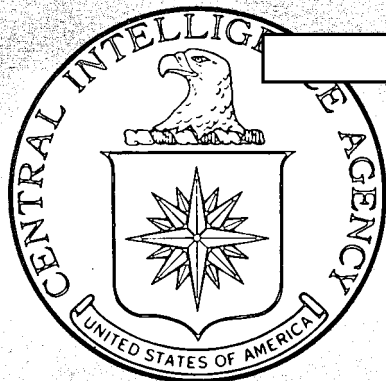


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IMAGERY  
ANALYSIS  
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

STATUS OF NORTH VIETNAMESE RAILROADS

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Declass Review by NIMA/DOD

REPORT NO. 2  
CIA/PIR 75024

DATE AUGUST 1966

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GROUP 1  
Excluded from automatic  
downgrading and declassification

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.



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## PREFACE

This report summarizes significant items of photo intelligence relating to the North Vietnamese railroad system which has been developed from available photography during the period indicated on the cover.

The railroad system has been broken down into 5 major lines: the Hanoi/Lao Cai Line, the Hanoi/Dong Dang Line, the Hanoi/Haiphong Line, the Hanoi/Dong Hoi Line and the Thai Nguyen Line (Figure I). Annotated maps and photos are used to show the status of each line.

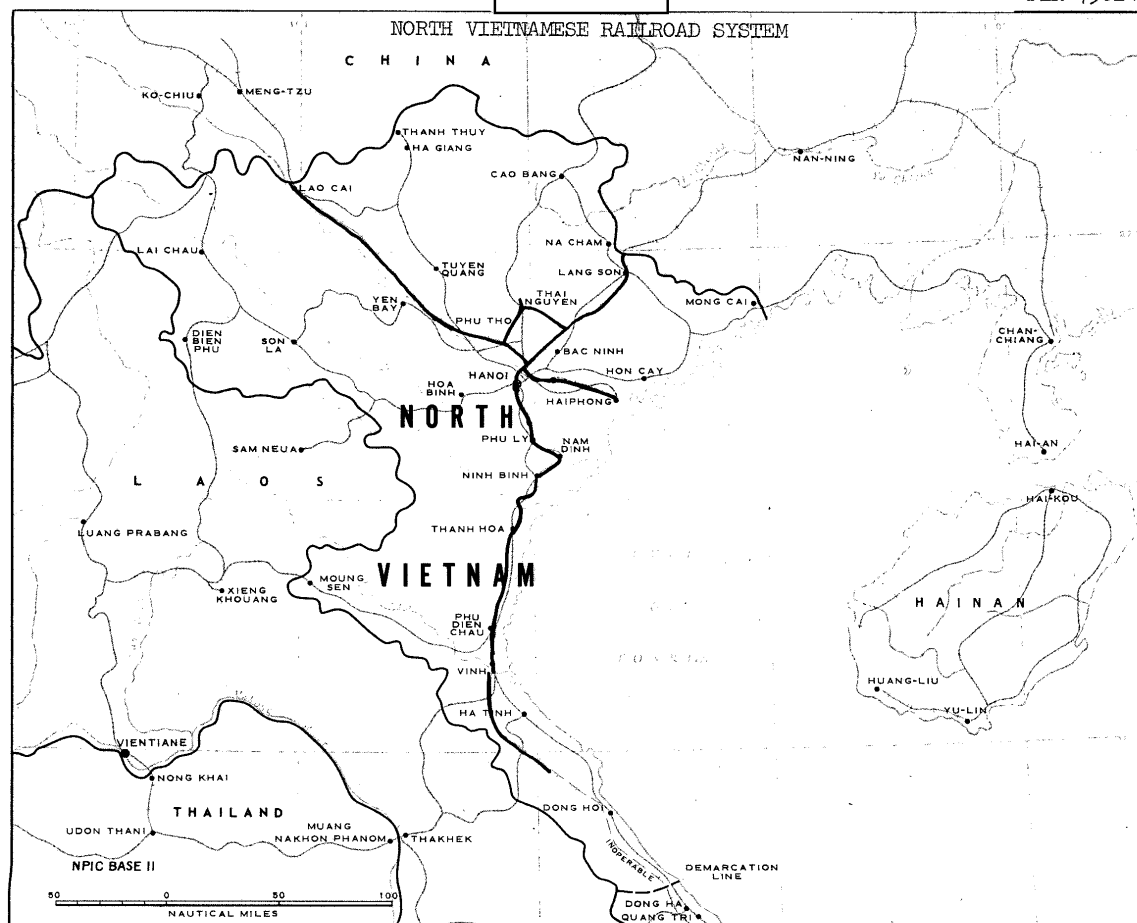
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FIGURE 1  
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## SUMMARY

The Hanoi/Lao Cai and Hanoi/Dong Dang Lines are interdicted. The Hanoi/Haiphong Line may be serviceable as the latest available photography showed the damaged Hai Duong RR. and Hwy. Bridge undergoing repairs. The Hanoi/Dong Hoi Line is serviceable from Hanoi to Vinh. The line running south from Vinh is cut in several places, however, the North Vietnamese continue to use this line by transloading across the interdicted points. The Thai Nguyen Line was serviceable on observed segments.

## CONTENTS

Hanoi/Lao Cai Line	Page 5
Hanoi/Dong Dang Line	7
Hanoi/Dong Hoi Line	11
Hanoi/Haiphong Line	17
Thai Nguyen Line	18

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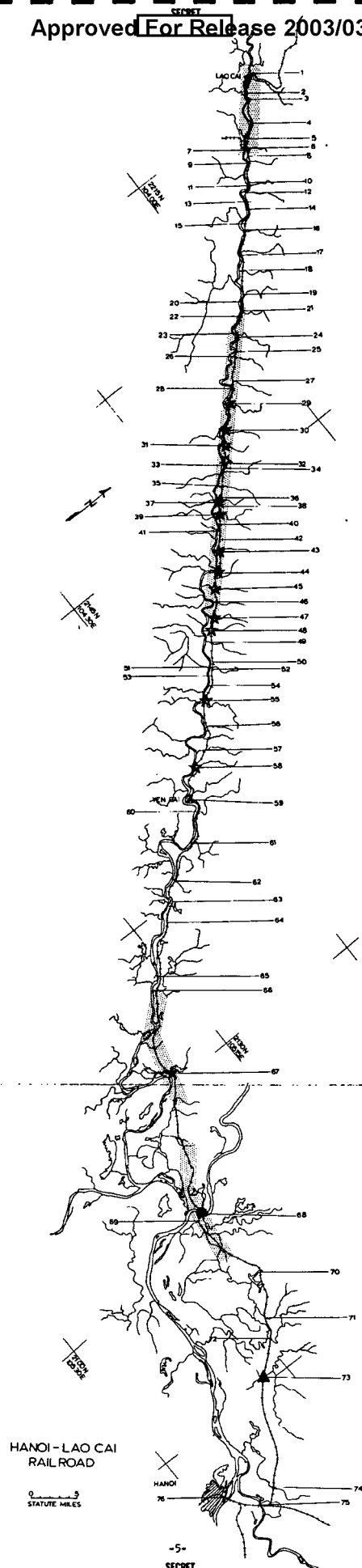
## KEY

All Maps within this report have been keyed in the following manner:

- ☆ Main bridge bombed - now serviceable.
- ★ By-pass bridge or bridges serviceable.
- Main bridge unserviceable.
- All bridge crossing facilities unserviceable.
- ▲ By-pass bridge under construction.
- 8— Original bridge has not been damaged or destroyed based on available photography.
-  Extent of rail line covered by available, interpretable photography.
-  Item of interest. Turn to the item number within the section for further information.

All intelligence developed within the reporting period is printed in red; older intelligence is printed in black.

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ITEM OF INTEREST NO. 1: Hanoi/Lao Cai Line

NAME : Lao Cai Transshipment area under construction

BE NO. :

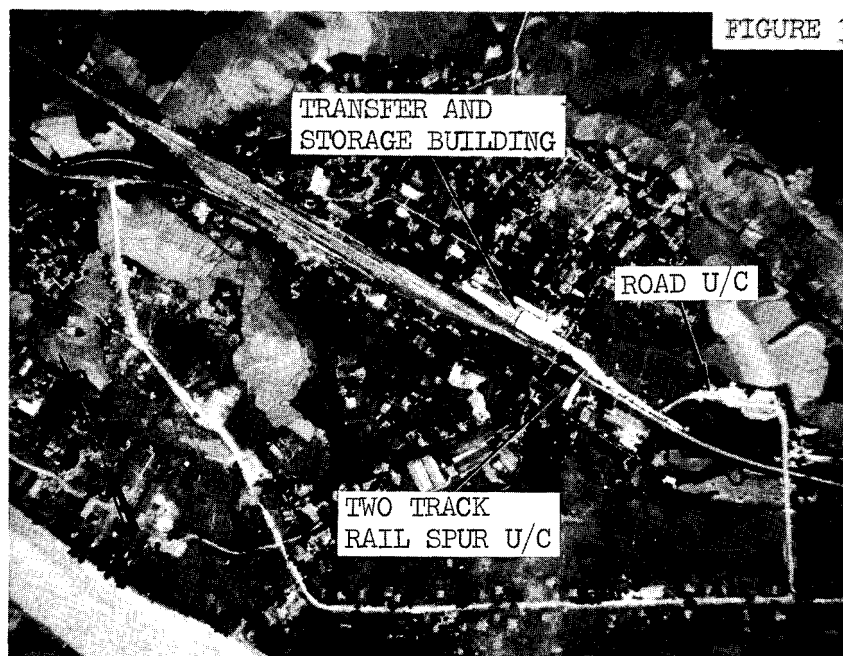
COORDINATES : 22 29N - 103 59E, UK 957868

PHOTO REFERENCES :

MAP REFERENCES : AMS Series L701, Sheet 5778II

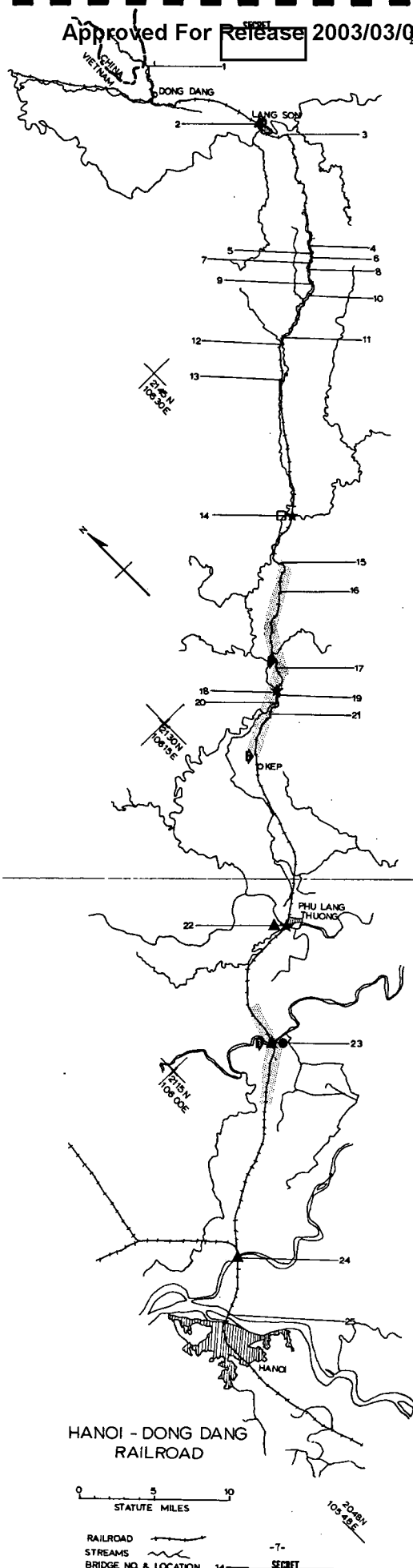
A probable rail-to-road transshipment area is under construction at the Lao Cai RR. Classification Yard [REDACTED] The area consists of a roadbed for a two-track rail spur, a road, and a drive-through transfer and storage building. At this time, the rail spur roadbed has not been connected with the main rail and road systems. This construction activity was not apparent on photography [REDACTED] 25X

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ITEM OF INTEREST NO. 1: Hanoi/Dong Dang Line

NAME : Rail traffic

BE NO. :

COORDINATES : 21 28N - 106 22E, XJ 428742

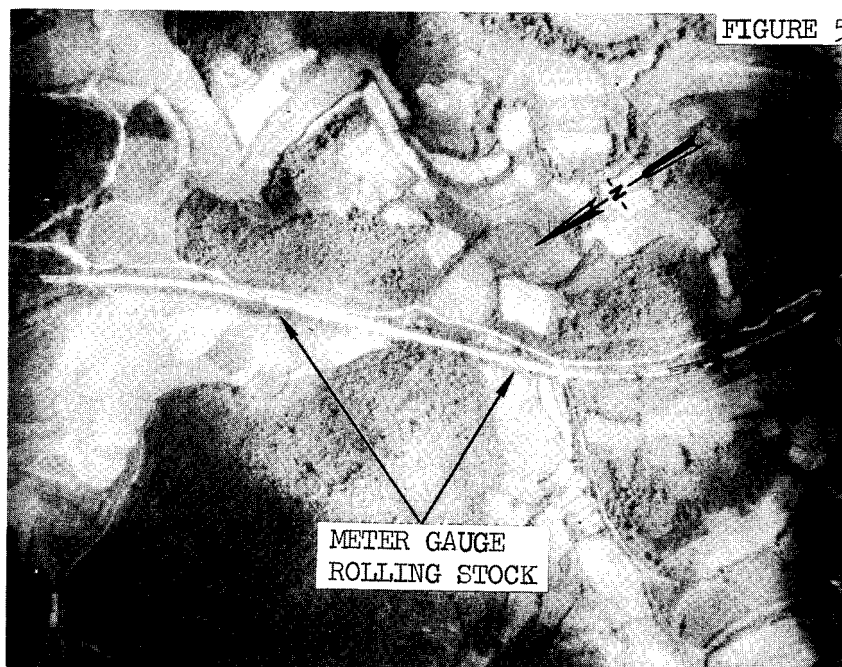
PHOTO REFERENCES :

MAP REFERENCES : AMS Series L701, Sheet 6275II

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Photography [ ] reveals a train at 21 28N - 106 22E on the Hanoi/Dong Dang Line. The train is headed north; however, it is not in motion. The train consists of 38 boxcars, 7 gondola cars, an engine and tender. Dual track (standard and meter gauge) is present in this area. However, measurements indicate that the equipment is of meter gauge size.



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ITEM OF INTEREST NO. 2: Hanoi/Dong Dang Line

NAME : Rail traffic

BE NO. :

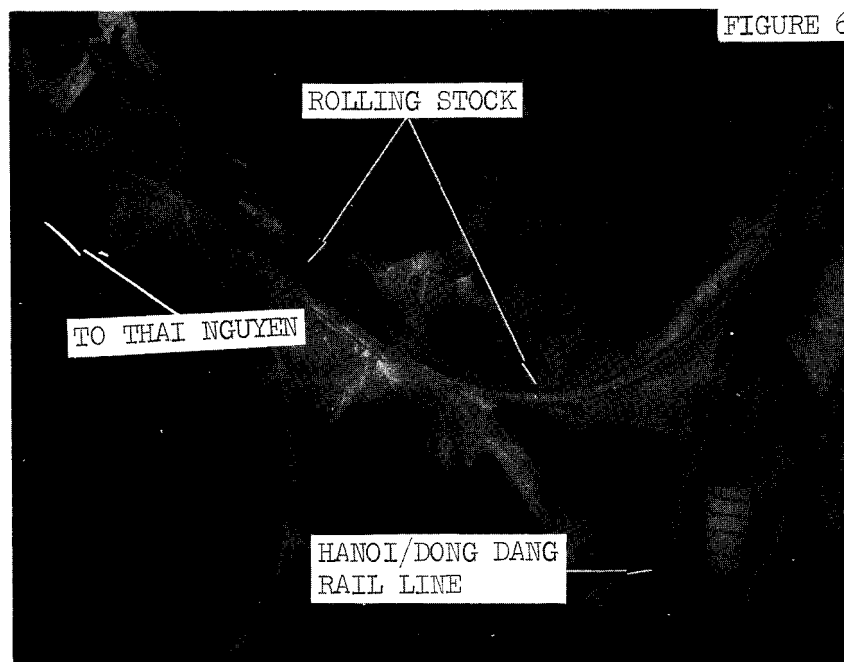
COORDINATES : 21 25N - 106 18E, XJ 353697

PHOTO REFERENCES :

MAP REFERENCES . AMS Series L701, Sheet 6275II

Photography [ ] reveals rolling stock on the turn-out from the Hanoi/Dong Dang Line west to Thai Nguyen. The rolling stock consists of an engine, tender, and approximately 40 rail cars. Dual-gauge track (standard and meter gauge) has been observed previously on this turn-out. However, because of poor quality and small scale photography, it could not be determined whether the equipment was of standard or meter gauge.

The line under construction from Kep to Thai Nguyen appeared to be complete from the Junction with the Hanoi/Dong Dang Line westward to the limit of photography, a distance of 1.6 nm.



-9-

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ITEM OF INTEREST NO. 3: Hanoi/Dong Dang Line

NAME : Dap Cau RR. and Hwy. Bridge

BE NO. :

COORDINATES : 21 12N - 106 05E, XJ 135450

PHOTO REFERENCES :

MAP REFERENCES : JOG (A) 1501, NF 48-11

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Photography [ ] reveals a major interdiction on the Hanoi/Dong Dang Line. Approximately 230' of this 550' bridge have been dropped (Figure 7). A by-pass bridge is under construction at XJ 133456 (Figure 8).

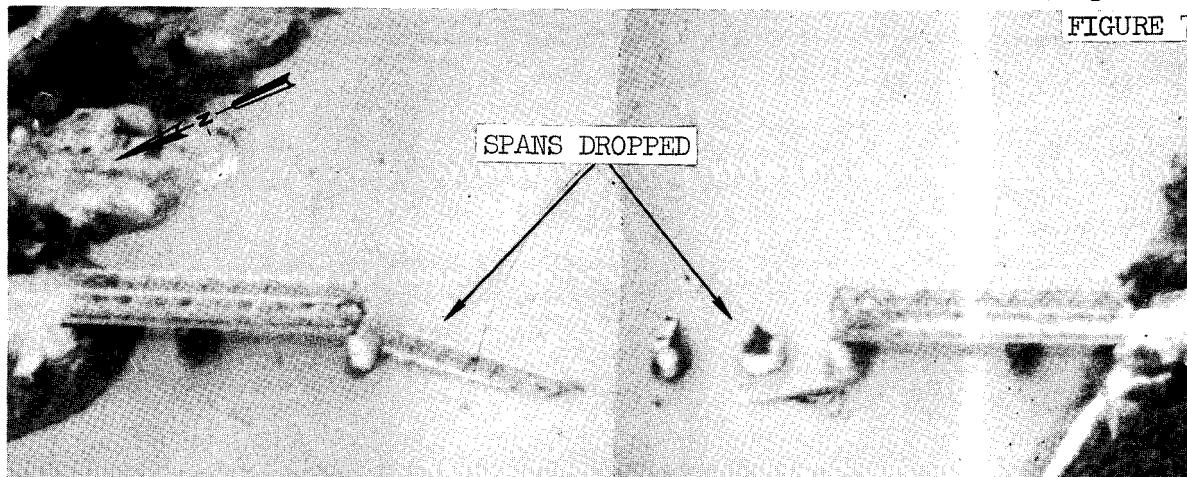


FIGURE 7

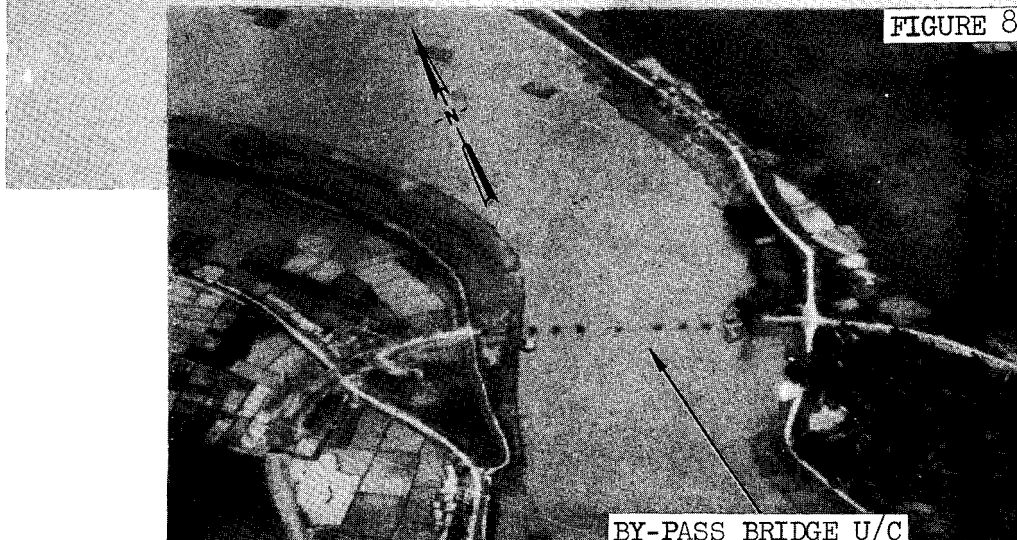


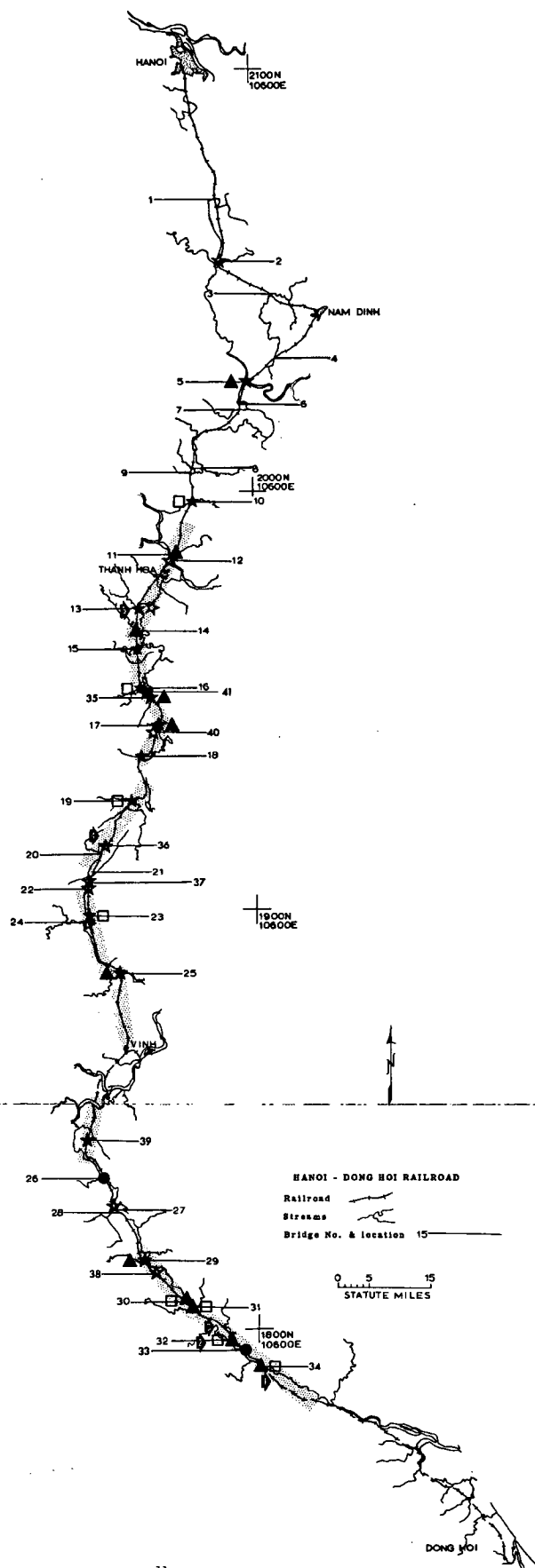
FIGURE 8

BY-PASS BRIDGE U/C

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FIGURE 9  
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-11-

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ITEM OF INTEREST NO. 1: Hanoi/Dong Hoi Line

NAME : Rail construction

BE NO. :

COORDINATES : 17 54N - 106 00E, XE 062802

PHOTO REFERENCES :

25X1

MAP REFERENCES : AMS Series L701, Sheet 6264IV

Photography [ ] reveals rail construction on the Hanoi/Dong Hoi Line south of its previous terminus on the north bank of the Rao Nay (River). A by-pass bridge is under construction around the destroyed Thuong Phong RR. Bridge [ ] across the Rao Nay at XE 064802. Rails are now in place on the south side of the Rao Nay from UTM XE 062802 southeastward on the old roadbed to UTM XE 067795, a distance of approximately 0.6 nm. A by-pass bridge is under construction (Figure 10), around a destroyed bridge 1.2 nm south of the Rao Nay crossing.



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ITEM OF INTEREST NO. 2: Hanoi/Dong Hoi Line

NAME : Xom Khe RR. Bridge

BE NO. :

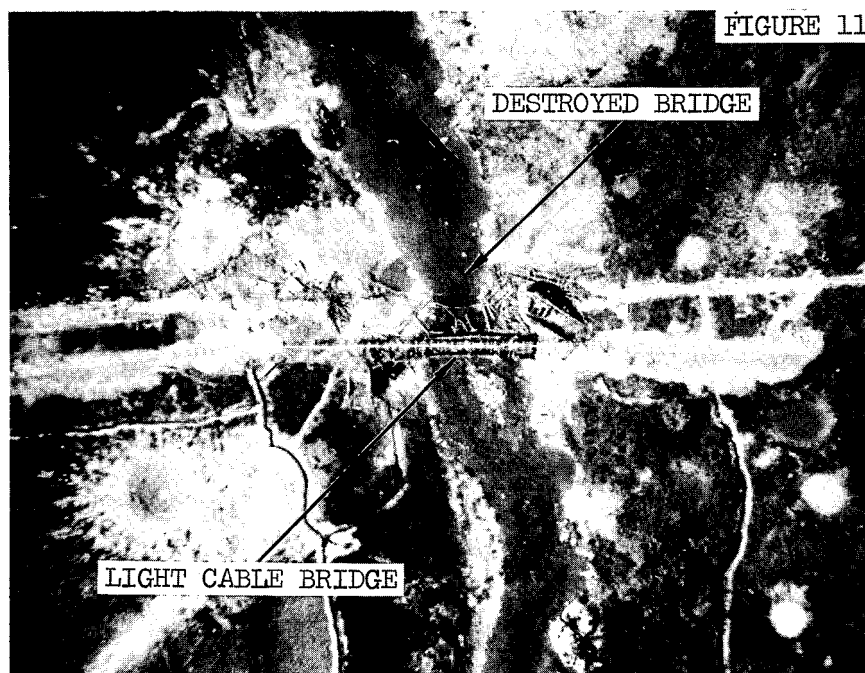
COORDINATES : 17 59N - 105 56E, WF 988877

PHOTO REFERENCES :

MAP REFERENCES : AMS Series L509, NE 48-11

A cable bridge has been constructed adjacent to the destroyed Xom Khe RR. Bridge. Ties and rail have been placed on cables which span the stream. This bridge has not been connected to the main line. The cable bridge is probably being used in a transloading operation. This operation includes unloading material from rail cars on the main line, transferring it to a small rail car which is then pulled across the bridge. The material is then transferred back to the main line.

In addition, a by-pass bridge (not shown in Figure 11) is under construction around the destroyed Xom Khe bridge.



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ITEM OF INTEREST NO. 3: Hanoi/Dong Hoi Line

NAME : Camouflaged trucks

BE NO. :

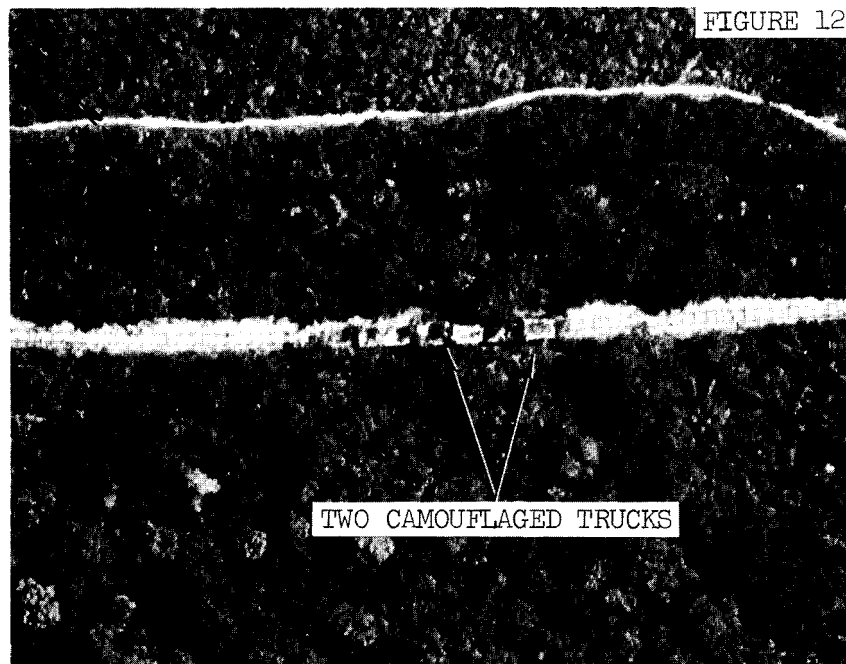
COORDINATES : 17 59N - 105 55E, WE 980884

PHOTO REFERENCES :

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MAP REFERENCES : AMS Series L701, Sheet 6164I

Two camouflaged trucks converted for rail use and a flat car were observed stopped at 17 58N - 105 55E on the Hanoi/Dong Hoi Line. The trucks were headed south, approximately 0.5 nm NW of the destroyed Xom Khe RR. Bridge (Figure No. 11).



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ITEM OF INTEREST NO. 4: Hanoi/Dong Hoi Line

NAME : Tho Trang RR. Yard

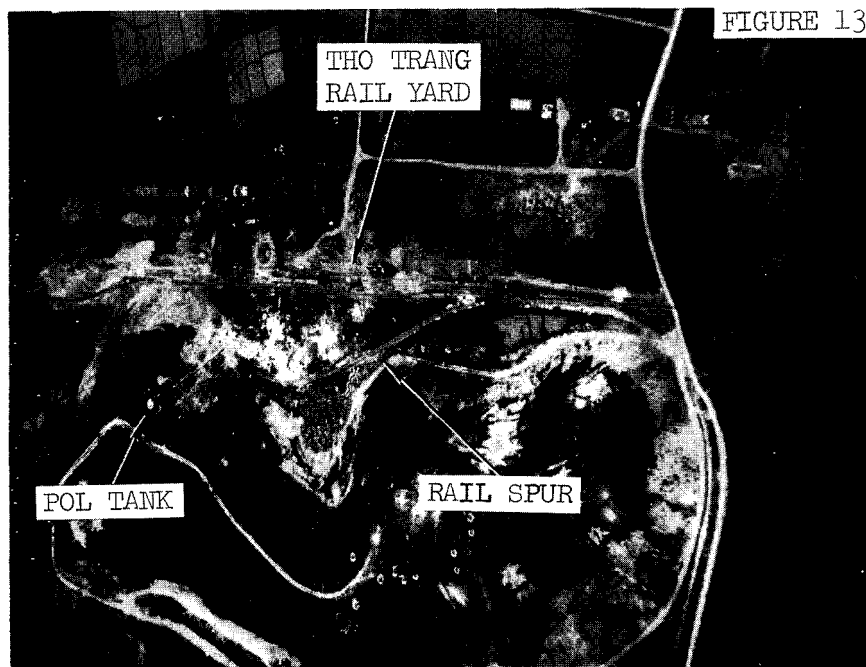
BE NO. :

COORDINATES : 19 09N - 105 38E, WG 649918

PHOTO REFERENCES :

MAP REFERENCES : AMS Series L701, Sheet 6168III

The Tho Trang RR. Yard, damaged by air attack, has one serviceable through track and a spur leading to a POL storage area.



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ITEM OF INTEREST NO. 5: Hanoi/Dong Hoi Line

NAME : Thien Linh Dong RR. By-pass bridge camouflage.

BE NO. :

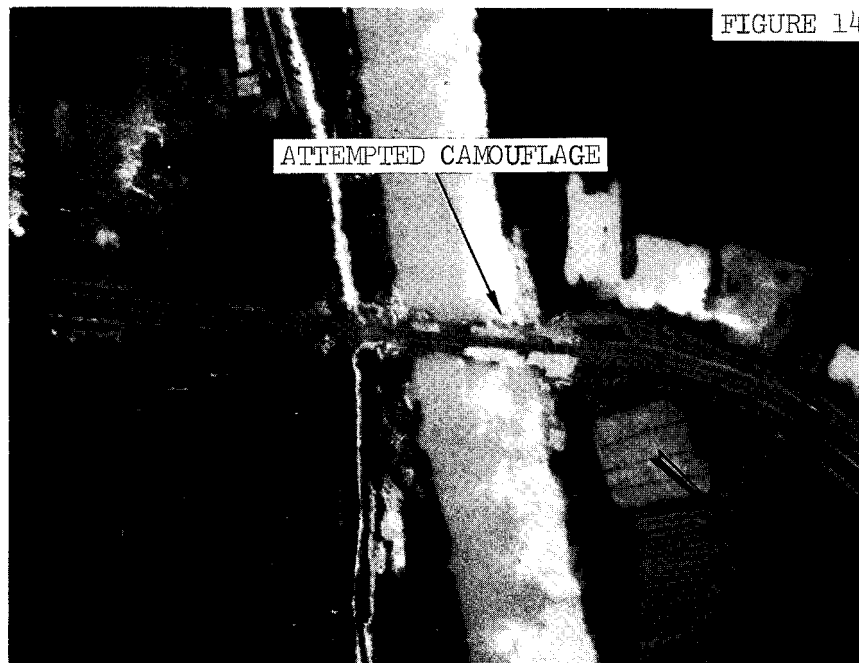
COORDINATES : 19 43N - 105 42E, WG 742812

PHOTO REFERENCES :

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MAP REFERENCES : AMS Series L701, Sheet 6170 III

Photography  reveals an attempt to camouflage the Thien Linh Dong RR. By-pass bridge, which is located 700 yards W of the original bridge. Both the original bridge and the by-pass bridge are serviceable.



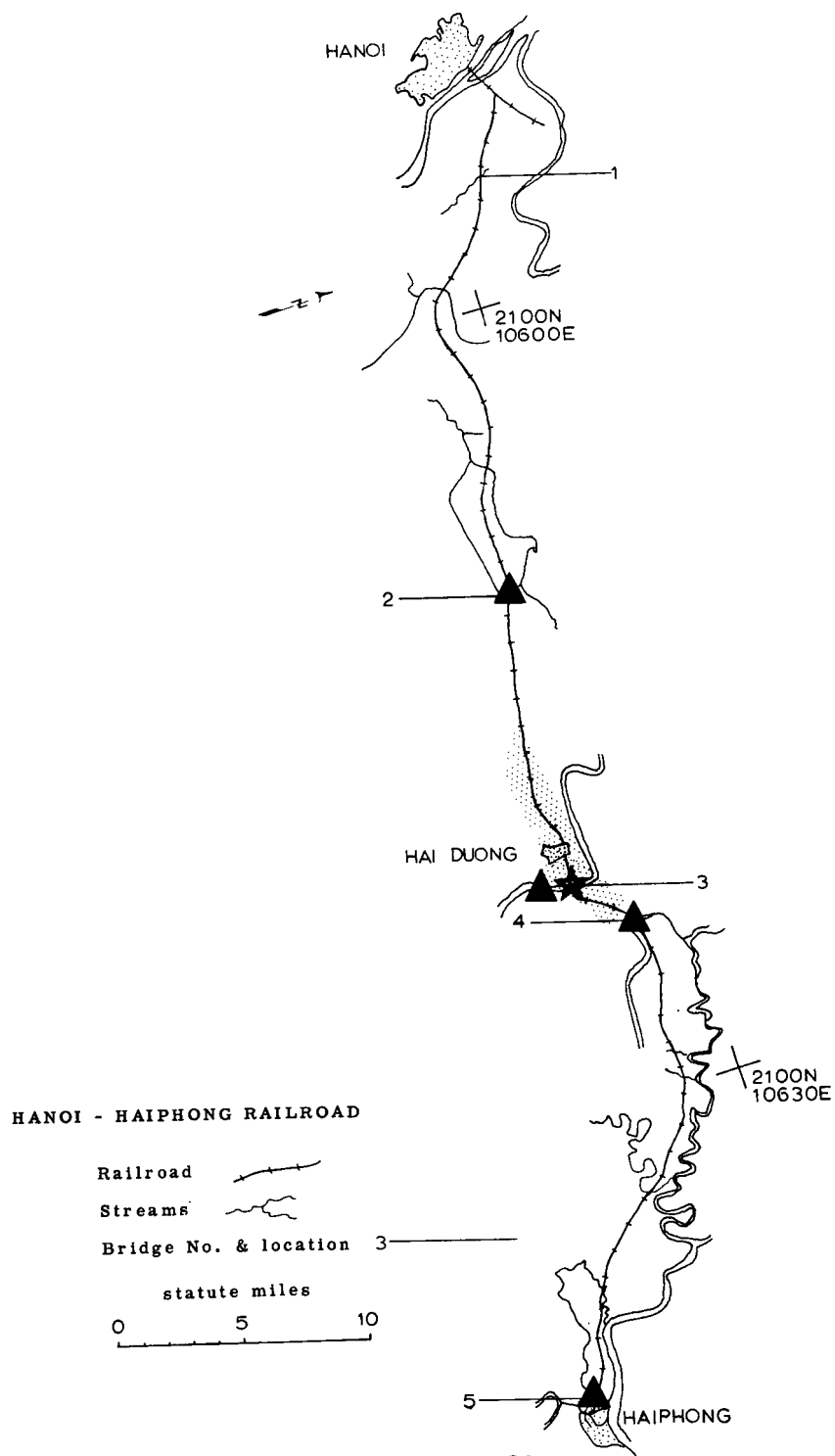
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FIGURE 15  
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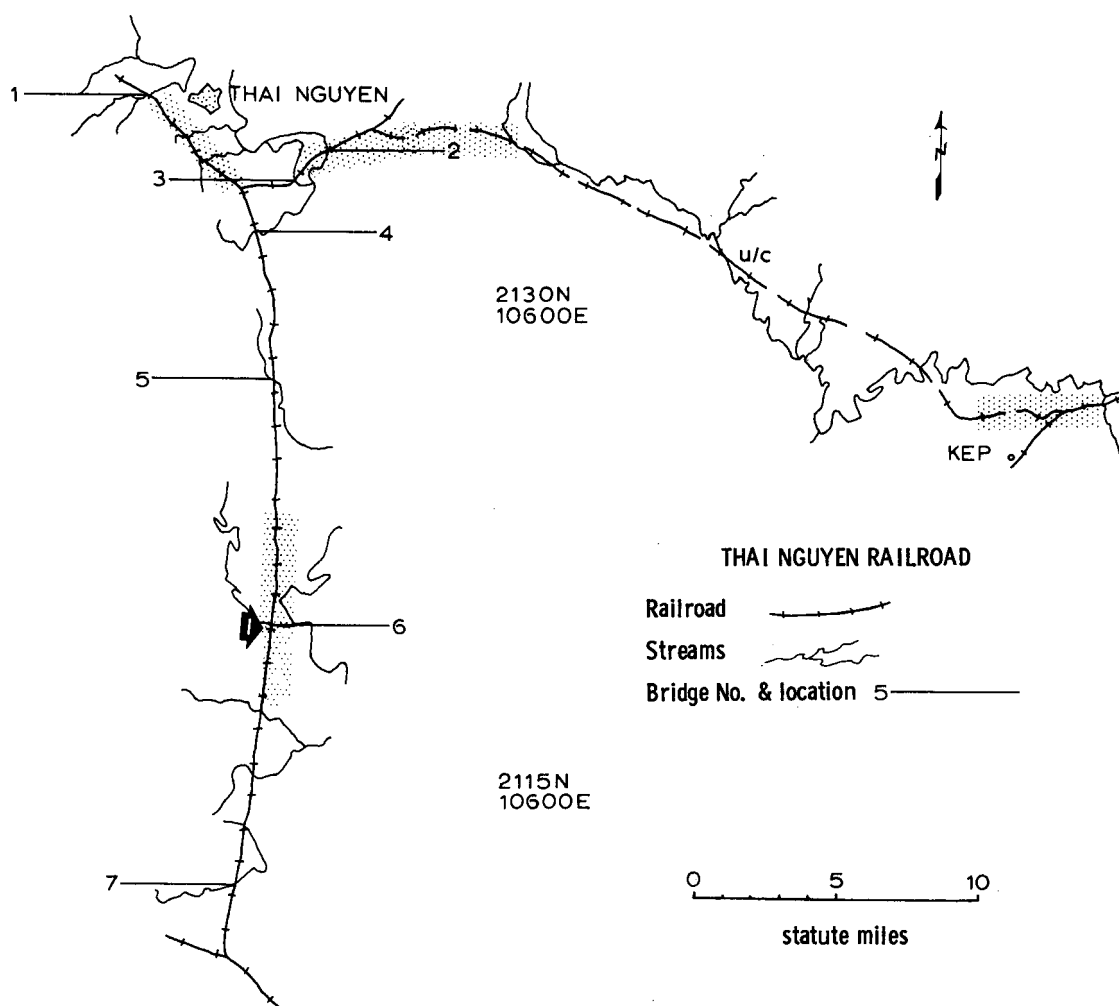
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FIGURE 16  
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ITEM OF INTEREST NO. 1: Thai Nguyen Line

NAME : Rail to Water Transshipment area

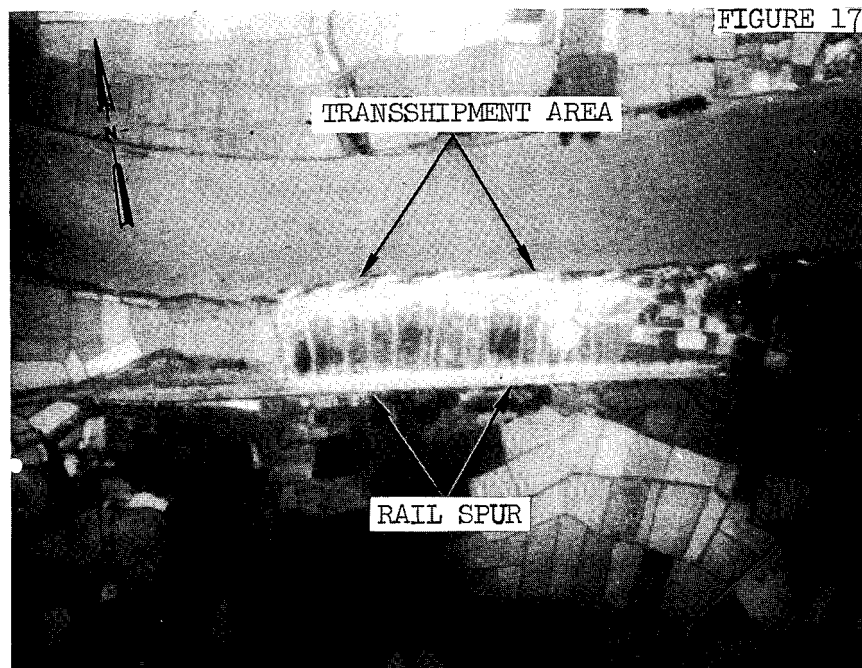
BE NO. :

COORDINATES : 21 19N - 105 52E, WJ 915582

PHOTO REFERENCES :

MAP REFERENCES : AMS Series L701, Sheet 6174I

Photography [ ] reveals a rail-to-water transshipment area on the Thai Nguyen Line. The transshipment area is located on the S bank of the Song Cong River. Immediately to the west of the transshipment area is an undamaged rail bridge, crossing the Song Cong River.



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